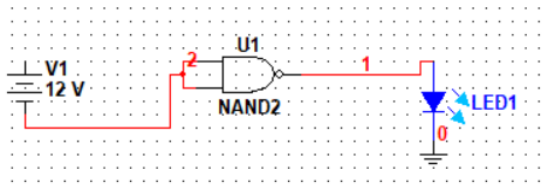
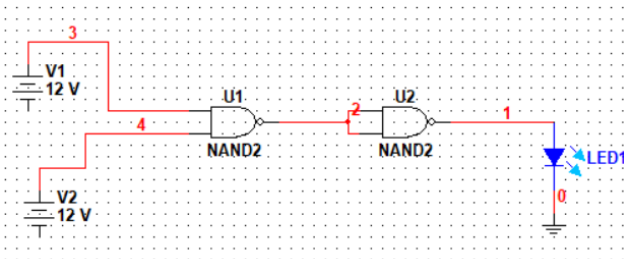


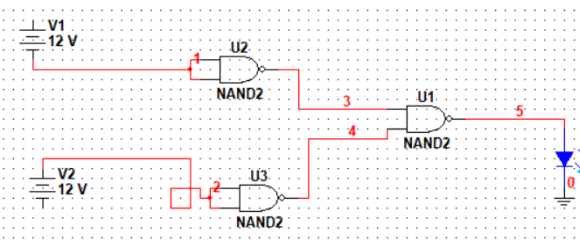
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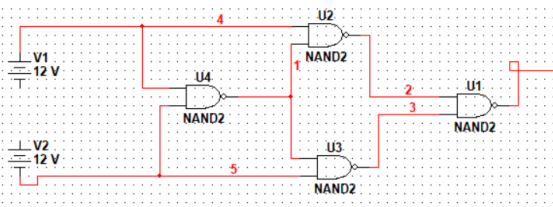
Nant to and



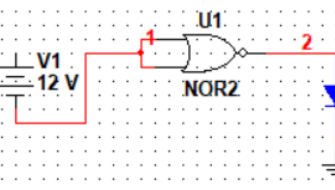
Nand to or



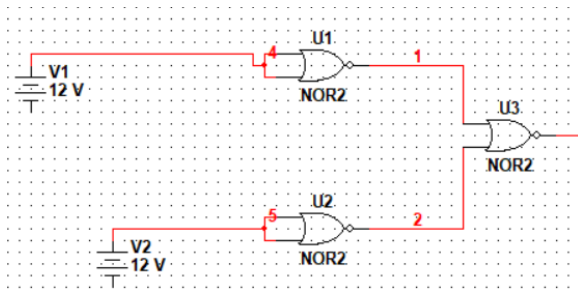
Nand to nor



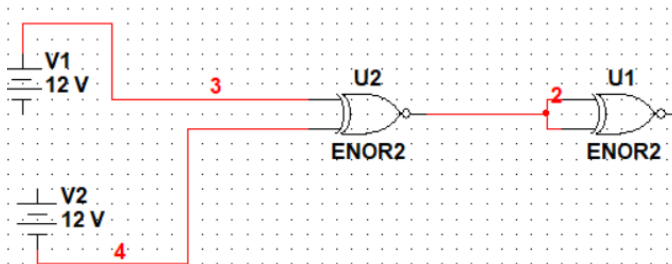
Nor to not



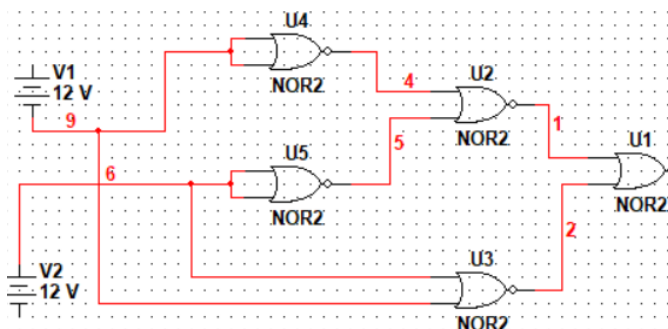
Nor to and



Nor to or

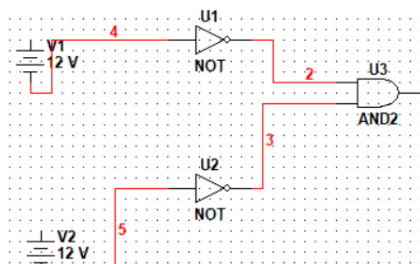
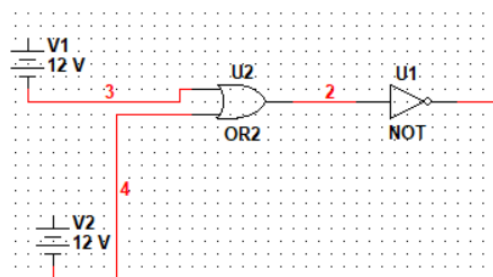


Nor to xor

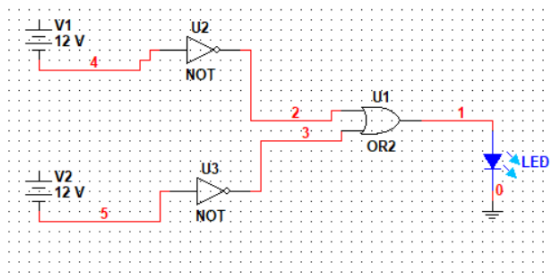


Demorgan laws:

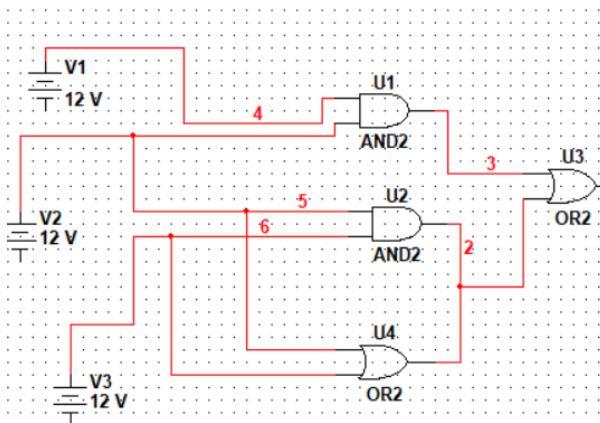
Case 1:-



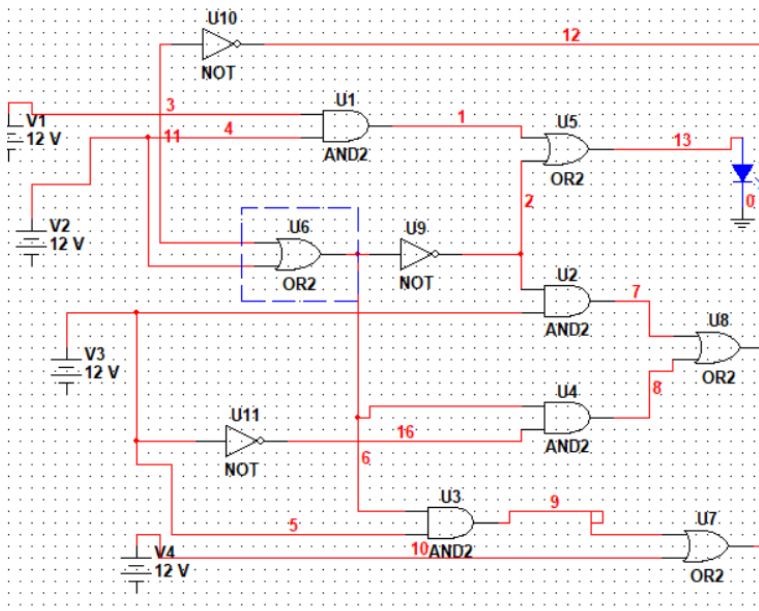
Case 2:



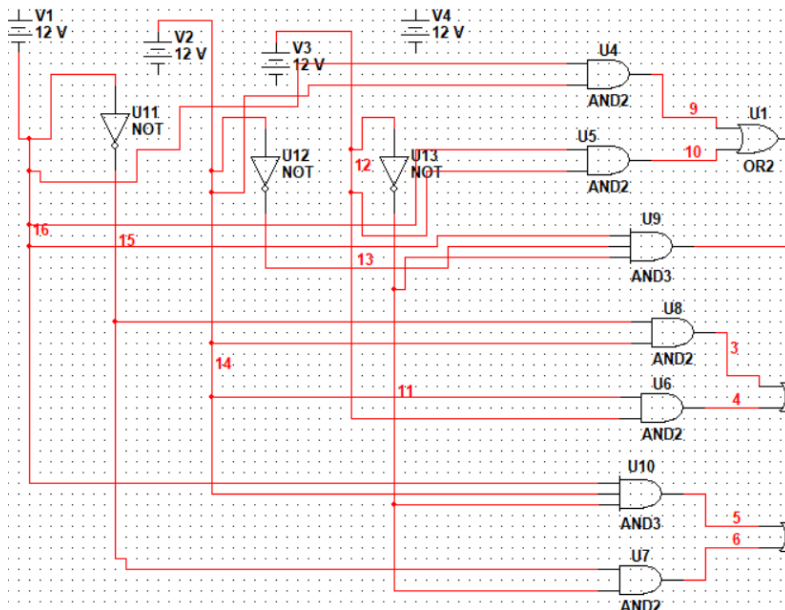
Minimum number of gate:



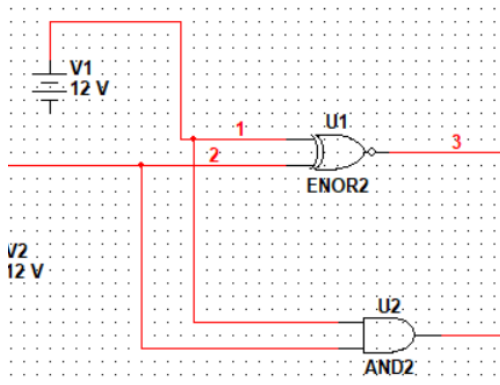
Binary yo xs-3



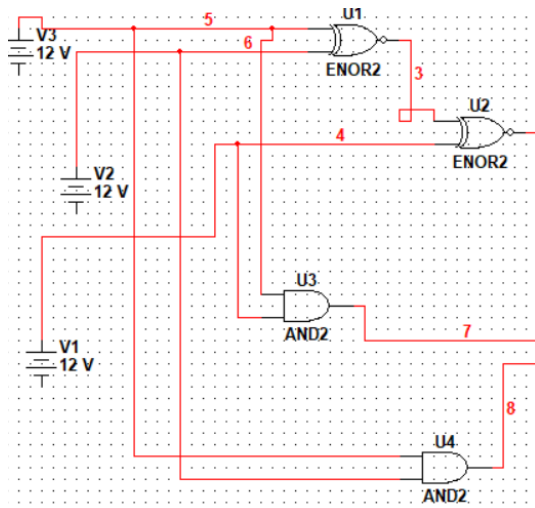
Binary to bcd:



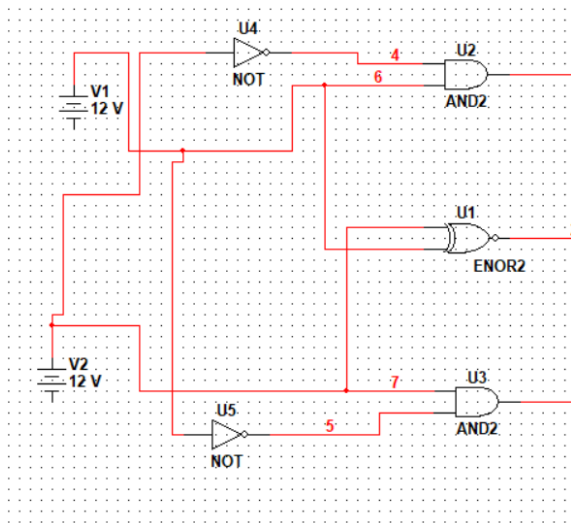
Half adder:



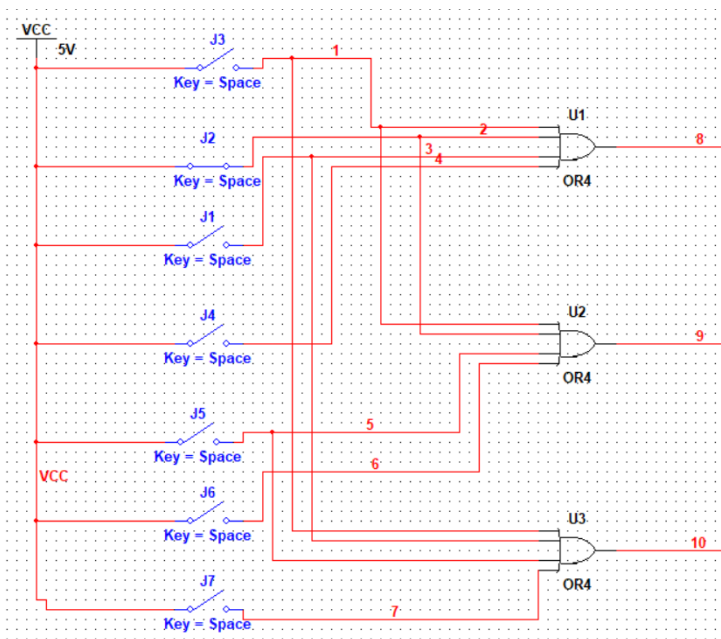
Full adder:



2 bit comparator



8:5 encoder



3:8 encoder

